

~~SECRET~~

REC  
file

22 January 1957

MEMORANDUM

TO: Chairman, GMIC

FROM: Intelligence Consultant to GMIC

SUBJECT: Weekly Report on

25X1C

25X1C

I. The following is the second of a weekly series of reports of what is going on in connection with [REDACTED] 25X1C

A. There is a new 26 page report EG-1754, dated 11 January 1957 on the Komet air-to-surface missile guidance system. It is of interest because it gives block diagram and descriptive information on the radar in the launching aircraft and because source is [REDACTED], 25X1C REG-358. [REDACTED] was deputy to [REDACTED] during part of the Komet 25X1C development work. Technical characteristics of the transmitter summarized in the report are:

1. Frequency 3.2 cm but less than 10,000 megacycles
2. Peak power output 50 kw
3. Pulse duration one microsecond
4. PRF search 720, track 1440
5. Antenna rotation rate 30 cps
6. Beam width half power points one to two degrees
7. Beam width approximately 05 degrees
8. Pulse modulation with conical scan

The designations Komet II and Komet I used in the report were applied by interrogator and source to distinguish equipment in the launching aircraft from equipment in the missile respectively. [REDACTED] 25X1C

B. Interrogation has been completed on test equipment [REDACTED], 25X1C REG-359, had constructed on air-to-air missile receiver. Drafting of block diagrams and editing is underway. Report is to be put out as supplement to EG-1765.

25X1C  
C. [REDACTED] has completed more detailed description of selector circuits in coordinates cabinet and is now working up a more comprehensive system block diagram of the B-200 than was contained in EG-1762.

D. A message (ANA) REG-78 dated 17 January 1957 has been dispatched summarizing knowledgeability of [REDACTED] obtained from preliminary interrogation.

25X1C

~~SECRET~~

SECRET

2

E. Material for the first EG type report on [REDACTED] 25X1C, REG-360, will be considered 25 January 1957.

F. Meeting was held 21 January 1957 with Kouri and Samuelson to review the reaction to their stateside visit, to bring them up to date on interrogations that had been continuing, and to lay the groundwork for future interrogations. From a review of the material obtained to date the 25X1C value was pointed out in having [REDACTED] discuss in detail aspects of his association with, for example, Raspletin, technical consultant to General Kuksenko. While fully recognizing the value expected of the schematic circuit diagrams, the need was stressed for an additional category of information. This will come from a determination of what clues source may be able to furnish that could be tied back into the Soviet missile program.

25X1C G. There has been message to REG reporting on [REDACTED] 25X1C [REDACTED] worked as liaison men between the various groups under 25X1C [REDACTED] worked on the whole B-200 especially the coordinates 25X1C cabinet. [REDACTED] knowledge of B-200 is maximum. [REDACTED] headed 25X1C up the [REDACTED] of the coordinates cabinet. [REDACTED] 25X1C 25X1C [REDACTED] were also at Kratovo airfield sporadically for periods of some hours to assist in solving problems which arose with B-200 ground equipment during the tests.

H. There has also been a message REG 80, dated 18 January 1957 notifying on information that sources expected will not be available until 1958.

[REDACTED] 25X1A

SECRET